

## MD-200C DIGITAL MULTIMETER

The **MD-200C** digital multimeter brings together the basic features of a professional instrument such as high accuracy, reliability and a wide range of measurements. It will allow measurements to be taken of current up to 20 A and reading of direct voltage diode drops. It provides a high basic accuracy of 0.05% for DC voltage and True RMS AC/AC+DC reading. It can accurately measure any waveform of AC or AC+DC and has wide-bandwidth measuring. Furthermore, it includes functions such as HOLD and continuity sound signal among others. Rear illuminated display makes reading comfortable even in the dark.

All in all, the **MD-200C** is an ideal tool for laboratories, factories and radio technology as well as Universities and electronic education centres.



Specifications	MD-200C	Resistance (Ω)	
<b>DC voltage (DCV)</b> Range Accuracy Input impedance	200 mV, 2 V, 20 V, 200 V, 1000 V ± (0.05% rdg+ 1 dig.) 200 mV~200 V range ± (0.1% rdg + 5 dig.) 1000 V range 10 MΩ	<b>Resistance (Ω)</b> Range Accuracy	200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ, 20 MΩ ± (0.1%rdg+10 digits) 200 Ω range ± (0.1%rdg+5 digits) 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ range ± (0.6% rdg+5 digits) 20 MΩ range
<b>AC voltage (ACV)</b> Range Accuracy 200 mV range 2V ~ 20V range 200 V range 750 V range Input impedance	200 mV, 2 V, 20 V, 200 V, 750 V  50Hz ~ 50kHz : ± (0.8%rdg+ 80digits) 50Hz ~ 20kHz: ± (0.8%rdg+ 80digits) 50Hz ~ 5kHz: ± (0.8%rdg+ 80digits) 50Hz ~ 400Hz: ± (1.0%rdg+50digits) 2 MΩ	<b>Capacitance (F)</b> Range Accuracy	20 nF, 2 μF, 200 μF ± (3.5% rdg+20 digits) 20 nF, 2 μF range ± (5.0% rdg+30 digits) 200 μF range
<b>DC current (DCA)</b> Range Accuracy	20 mA, 200 mA, 2 A, 20 A ± (0.35%rdg+10digits) 20 mA, 200 mA range ± (1.2%rdg+20digits) 2 A, 20 A range	<b>Frequency (Hz)</b> Range Accuracy	20 kHz, 200 kHz ± (1.0% rdg + 20 digits)
<b>AC current (ACA)</b> Range Accuracy 200 mA range 2 A~20 A range	200 mA, 2 A, 20 A  50 Hz ~ 5 kHz: ± (0.8%rdg + 80 digits) 50 Hz ~ 400 Hz: ± (1.0%rdg + 50 digits)	<b>hFE (PNP or NPN)</b> Display Test condition	0 ~ 1000.0 Current is approx.10 μA, Vce is approx.3 V
		<b>Diode test</b>	The measuring value is the approx. value for forward voltage drop. When the resistance under tested is less than 30 Ω ± 10 Ω, buzzer sounds and display the approx. value. The open circuit voltage is approx. 3 V
		<b>Power supply</b>	CC 220 V / 110V, 50 / 60 Hz
		<b>Dimensions Weight</b>	220 (W.) × 82 (H.) x 260 (D.) mm Approx. Approx. 2 kg